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Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the present application:

1. (Currently amended) A high capacitance energy storage device, comprising:
a housing electrically isolated from, and lined with, current collectors, said current collectors being electrically connected to contacts mounted on said housing;
at least one capacitive cell having a first electrode separated from a second electrode by a non-conductive, chemically inert membrane, said electrodes formed of a regularly structured carbonized ~~carbonized~~ and activated woven fabric impregnated with an electrolyte, said membrane permitting free passage of molecules of said electrolyte therethrough; and
conductive, chemically inert separators, provided between and being in electrical and mechanical contact with said electrodes and said current collectors of the housing, said separators chemically isolating said cell from said housing, and said separators being formed from a graphite-based material.
2. (Previously cancelled)
3. (Previously amended) A device according to claim 1, wherein said separators consist of graphite sheets.
4. (Previously amended) A device according to claim 1, wherein said separators consist of conductive rubber.
5. (Previously amended) A device according to claim 1, wherein said separators consist of conductive polymer film.
6. (Previously amended) A device according to claim 1, wherein said separators consist of graphite foil.
7. (Currently amended) A device according to claim 1, wherein said electrolyte is a sulfuric ~~sulphuric~~-acid solution.
8. (Currently amended) A device according to claim 1, wherein said carbonized ~~carbonised~~, activated woven fabric is formed from hydrocellulose.

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9. (Currently amended) A device according to claim 1, wherein each said electrodes is formed of a plurality of layers of said carbonized ~~earbonised~~, activated woven fabric.
10. (Currently amended) A device according to claim 1, wherein a single separator separates the at least one capacitive cell with another cell ~~neighbouring cells~~.
11. (Currently amended) A capacitive cell for a high energy storage device, comprising:
a first electrode separated from a second electrode by a non-conductive, chemically inert membrane, said electrodes formed of a regularly structured carbonized ~~earbonised~~, activated woven fabric impregnated with an electrolyte, said chemically inert membrane permitting free passage of molecules of said electrolyte therethrough; and
conductive, chemically inert separators, provided at outer surfaces of the cell and being in electrical and mechanical contact with said electrodes, said separators chemically isolating said cell, and said separators being formed from a graphite-based material.
12. (Currently amended) A capacitive cell according to claim 11, wherein said electrolyte is a sulfuric ~~sulphuric~~ acid solution.
13. (Currently amended) A capacitive cell according to claim 11, wherein said carbonized ~~earbonised~~, activated woven fabric is formed from hydrocellulose.
14. (Currently amended) A capacitive cell according to claim 11, wherein each said electrodes is formed of a plurality of layers of said carbonized ~~earbonised~~, activated woven fabric.
15. (Previously added) A device according to claim 1, wherein said device is assembled at pressure of about 2 to about 6 kg/cm² (about 30 to about 80 psi).
16. (Currently amended) A device according to claim 1, wherein said carbonized ~~earbonised~~ and activated woven fabric exhibit a specific surface area of 800 to 2000 m²/g, a total porosity of 0.25 to 0.80 cm³/g, and surface density of 100 to 300 g/m².
17. (Currently amended) A capacitive cell according to claim 11, wherein said carbonized ~~earbonised~~ and activated woven fabric exhibit a specific surface area of 800 to 2000 m²/g, a total porosity of 0.25 to 0.80 cm³/g, and surface density of 100 to 300 g/m².